

IN THE SPECIFICATION:

At page 4, line 3, please delete "nucelic" and insert therefor, --nucleic--.

At page 4, line 7, please delete "oligonucleotide" and insert therefor,
--oligonucleotide--.

At page 9, line 18, please delete "appropriate" and insert therefor,
--appropriately--.

At page 10, line 30, please delete "unligatable" and insert therefor,
--unligated--.

At page 24, line 25, please delete "litigation" and insert therefor, ligase--.

At page 29, line 30, please delete "oligonucleotide" and insert therefor,
--oligonucleotide--.

At page 32, line 15, after the word "characterization," please delete the word
"or" and insert therefor, --of--.

At page 32, line 27, after the word "ordering," please delete the word "or"
and insert therefor, --of--.

At page 34, line 16, after the word "described," please delete the word
"shown."

At page 35, line 24, after "(See, FIG. 6)," please insert --.

At page 37, line 37, please delete "polyethlyeneglycol" and insert therefor,
--polyethyleneglycol--.

IN THE CLAIMS:

Please amend claims 1 and 17 as indicated below.

1. (Amended) A method for sequencing a target nucleic acid, said method comprising:

(a) combining:

- (i) a substrate comprising an array of chemically synthesized and positionally distinguishable oligonucleotides each of which binds to a defined subsequence of preselected length; and
- (ii) a target nucleic acid; thereby forming target-oligonucleotide hybrid complexes of complementary subsequences of known sequence;